**Steps to encourage production of agricultural products**

†789. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of AGRICULTURE be pleased to refer to answer to Unstarred Question 1974 given in the Rajya Sabha on 16th March, 2007 and state:

(a) the specific works undertaken in the agriculture sector to encourage the production of agricultural products other than the wheat, rice, cotton during the last twenty years;

(b) the extent of increase in production of these products per hectare and gross as a result of these efforts, State-wise and crop-wise details thereof; and

(c) whether Government will rethink to set up Central Councils in each State on lines of Council of Agriculture Research?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTI LAL BHURIA): (a) During last 20 years, various schemes to increase the production and productivity of crops of Coarse Cereals, Oilseeds, Pulses, Sugarcane and Jute were implemented. At present, following Centrally Sponsored Schemes to encourage the production of Coarse Cereals, Oilseeds, Pulses, Sugarcane and Jute are implemented in the country.

(i) Integrated Cereals Development Programme in Coarse Cereals Based Cropping System Areas (ICDP-Coarse Cereals) under Macro Management Mode of Agriculture;

(ii) Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize (ISOPOM);

(iii) Sustainable Development of Sugarcane Based Cropping System Areas (SUBACS) under Macro Management Mode of Agriculture; and

(iv) Mini Mission-II of Jute Technology Mission.

Under these schemes, assistance is provided for various inputs like seeds, agriculture implements, water saving devices, integrated pest management, transfer of crop production and plant protection technology through demonstration and training of farmers and extension workers etc.

(b) The production and yield of Coarse Cereals, Oilseeds, Pulses, Sugarcane and Jute in important States during 1987-88 and 2007-08 are annexed in the Statement-I to V (*See* below).

(c) There are already 48 Indian Council of Agricultural Research (ICAR) Institutes, 5 Bureaux, 12 Project Directorates, 30 National Research Centres, 138 Sub-stations of ICAR Institutes, 77 All India Co-ordinated Research Projects (AICRPs)/ All India Network Research Projects (AINPs), 563 Krishi Vigyan Kendras (KVKs), besides 42 State Agricultural Universities and 4 Central Universities having faculty of Agriculture and 1 Central Agricultural University. In view of this, there is no thinking to set up Central Council in each State on the lines of ICAR.

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†Original notice of the question was received in Hindi.

***Statement-I***

*Production and Yield of Total Coarse Cereals in important Coarse Cereals growing States during 1987-88 and 2007-08.*

Production: Lakh tonnes

Yield: Kg. /ha.

| S. No. | State | 1987-88 | | 2007-08* | |
|---|---|---|---|---|---|
| | | Production | Yield | Production | Yield |
| 1 | Andhra Pradesh | 21.51 | 757 | 42.71 | 3311 |
| 2 | Assam | 0.16 | 585 | 0.18 | 643 |
| 3 | Bihar | 9.09 | 976 | 15.15 | 2161 |
| 4 | Chhattisgarh | - | - | 2.30 | 714 |
| 5 | Gujarat | 5.95 | 354 | 20.30 | 1329 |
| 6 | Haryana | 2.56 | 361 | 13.59 | 1763 |
| 7 | Himachal Pradesh | 4.39 | 1254 | 7.31 | 2163 |
| 8 | Jammu & Kashmir | 3.15 | 943 | 4.84 | 1395 |
| 9 | Jharkhand | - | - | 3.85 | 1341 |
| 10 | Karnataka | 36.41 | 807 | 64.84 | 1717 |
| 11 | Kerala | 0.04 | 736 | 0.04 | 1333 |
| 12 | Madhya Pradesh | 34.14 | 748 | 21.22 | 1082 |
| 13 | Maharashtra | 73.04 | 813 | 71.28 | 1135 |
| 14 | Orissa | 4.68 | 864 | 2.11 | 1227 |
| 15 | Punjab | 4.67 | 1637 | 5.85 | 3305 |
| 16 | Rajasthan | 13.51 | 240 | 71.21 | 1015 |
| 17 | Tamil Nadu | 16.62 | 1113 | 20.59 | 1956 |
| 18 | Uttar Pradesh | 30.59 | 901 | 30.23 | 1456 |
| 19 | Uttarakhand | - | - | 3.49 | 1353 |
| 20 | West Bengal | 1.33 | 1411 | 3.00 | 2679 |
| 21 | All India | 263.59 | 721 | 407.26 | 1418 |

* Fourth Advance Estimate

***Statement-II***

*Production and Yield of Total Oilseeds in important Total Oilseed growing States during 1987-88 and 2007-08.*

Production: Lakh tonnes

Yield: Kg. /ha.

| S. No. | State | 1987-88 | | 2007-08* | |
|---|---|---|---|---|---|
| | | Production | Yield | Production | Yield |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 20.86 | 804 | 33.09 | 1259 |
| 2 | Assam | 1.80 | 495 | 1.32 | 500 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| 3 | Bihar | 1.18 | 548 | 131 | 949 |
| 4 | Chhattisgarh | - | - | 1.75 | 574 |
| 5 | Gujarat | 3.98 | 285 | 47.47 | 1593 |
| 6 | Haryana | 3.33 | 993 | 6.46 | 1214 |
| 7 | Himachal Pradesh | 0.03 | 134 | 0.07 | 438 |
| 8 | Jammu & Kashmir | 0.31 | 488 | 0.40 | 625 |
| 9 | Jharkhand | - | - | 0.67 | 540 |
| 10 | Karnataka | 15.09 | 554 | 14.57 | 652 |
| 11 | Kerala | 0.08 | 313 | 0.03 | 750 |
| 12 | Madhya Pradesh | 16.10 | 546 | 53.54 | 856 |
| 13 | Maharashtra | 13.15 | 537 | 48.58 | 1279 |
| 14 | Orissa | 8.20 | 753 | 1.99 | 594 |
| 15 | Punjab | 2.36 | 936 | 0.73 | 1237 |
| 16 | Rajasthan | 22.58 | 647 | 43.41 | 1086 |
| 17 | Tamil Nadu | 13.24 | 1026 | 14.33 | 1657 |
| 18 | Uttar Pradesh | 8.59 | 489 | 10.24 | 943 |
| 19 | Uttarakhand | - | - | 0.30 | 1000 |
| 20 | West Bengal | 5.06 | 857 | 6.70 | 954 |
| 21 | All India | 126.55 | 629 | 288.25 | 1086 |

*Fourth Advance Estimate

***Statement-III***

*Production and Yield of Total Pulses in important Total Pulses growing States during 1987-88 and 2007-08.*

Production: Lakh tonnes

Yield: Kg. /ha.

| S. No. | State | 1987-88 | | 2007-08* | |
|---|---|---|---|---|---|
| | | Production | Yield | Production | Yield |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 6.57 | 435 | 17.49 | 823 |
| 2 | Assam | 0.61 | 461 | 0.67 | 558 |
| 3 | Bihar | 7.87 | 664 | 4.90 | 788 |
| 4 | Chhattisgarh | - | - | 5.35 | 588 |
| 5 | Gujarat | 1.43 | 296 | 8.01 | 812 |
| 6 | Haryana | 1.12 | 423 | 1.71 | 961 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| 7 | Himachal Pradesh | 0.05 | 102 | 0.31 | 1000 |
| 8 | Jammu & Kashmir | 0.18 | 407 | 0.21 | 467 |
| 9 | Jharkhand | - | - | 2.96 | 753 |
| 10 | Karnataka | 6.76 | 381 | 12.18 | 513 |
| 11 | Kerala | 0.20 | 727 | 0.04 | 800 |
| 12 | Madhya Pradesh | 25.32 | 536 | 24.21 | 602 |
| 13 | Maharashtra | 14.14 | 466 | 31.26 | 776 |
| 14 | Orissa | 10.11 | 494 | 4.77 | 563 |
| 15 | Punjab | 0.98 | 623 | 0.25 | 781 |
| 16 | Rajasthan | 4.74 | 263 | 15.26 | 398 |
| 17 | Tamil Nadu | 3.43 | 509 | 2.61 | 358 |
| 18 | Uttar Pradesh | 23.62 | 795 | 15.44 | 745 |
| 19 | Uttarakhand | - | - | 0.51 | 797 |
| 20 | West Bengal | 2.26 | 625 | 2.19 | 747 |
| 21 | All India | 109.62 | 515 | 151.12 | 635 |

*Fourth Advance Estimate

***Statement-IV***

*Production and Yield of Total Sugarcane in important Sugarcane growing States during 1987-88 and 2007-08.*

Production: Lakh tonnes

Yield: Kg. /ha.

| S. No. | State | 1987-88 | | 2007-08* | |
|---|---|---|---|---|---|
| | | Production | Yield | Production | Yield |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 94.90 | 66226 | 202.54 | 82000 |
| 2 | Assam | 18.83 | 43583 | 9.48 | 37920 |
| 3 | Bihar | 45.46 | 38008 | 40.83 | 34311 |
| 4 | Chhattisgarh | - | - | 0.28 | 2545 |
| 5 | Gujarat | 60.78 | 74392 | 168.50 | 81010 |
| 6 | Haryana | 52.40 | 36901 | 88.60 | 63286 |
| 7 | Himachal Pradesh | 0.20 | 7179 | 0.59 | 19667 |
| 8 | Jharkhand | - | - | 1.50 | 25000 |
| 9 | Karnataka | 175.80 | 86815 | 244.64 | 82649 |
| 10 | Kerala | 5.62 | 66165 | 2.18 | 109000 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| 11 | Madhya Pradesh | 16.04 | 33981 | 31.80 | 42400 |
| 12 | Maharashtra | 249.84 | 85590 | 805.99 | 74080 |
| 13 | Orissa | 27.86 | 65856 | 10.69 | 53450 |
| 14 | Punjab | 58.20 | 54906 | 67.00 | 60360 |
| 15 | Rajasthan | 9.48 | 35654 | 5.94 | 59400 |
| 16 | Tamil Nadu | 207.66 | 106766 | 383.46 | 108938 |
| 17 | Uttar Pradesh | 930.54 | 51668 | 1246.65 | 57212 |
| 18 | Uttarakhand | - | - | 76.86 | 61984 |
| 19 | West Bengal | 6.91 | 62864 | 13.49 | 79353 |
| 20 | All India | 1967.37 | 60006 | 3405.57 | 67531 |

* Fourth Advance Estimate

***Statement-V***

*Production and Yield of Jute in important Jute growing States during 1987-88 and 2007-08.*

Production: Lakh Bales

Yield: Kg. /ha.

| S. No. | State | 1987-88 | | 2007-08* | |
|---|---|---|---|---|---|
| | | Production** | Yield | Production** | Yield |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Assam | 1.59 | 1622 | 6.57 | 1971 |
| 2 | Bihar | 1.59 | 1205 | 12.51 | 1719 |
| 3 | Chhattisgarh | - | - | 0.01 | 90 |
| 4 | Orissa | 0.51 | 1651 | 0.09 | 270 |
| 5 | West Bengal | 6.55 | 1545 | 82.16 | 2424 |
| 6 | All India | 10.43 | 1496 | 101.82 | 2246 |

* Fourth Advance Estimate

** Production in Lakh bales of 180 kgs. each.

**National Agriculture Insurance Scheme**

790. DR. GYAN PRAKASH PILANIA:
SHRI LALIT KISHORE CHATURVEDI:

Will the Minister of AGRICULTURE be pleased to state:

(a) the genesis and objectives of National Agriculture Insurance Scheme;

(b) the criteria followed to decide rate of premium, crop-wise, and for computation of loss incurred by the insured farmer;